

# Schneider Electric Altivar Process ATV9xx DTM Library V3.1.0

## - Release Notes -

This document contains important information about the Altivar Process ATV9xx DTM Library software component and Release Content.

### 1. Package Content

Software Component Name	Version
Altivar Process ATV9xx DTM Library	V3.1.0
Altivar Process ATV9xx	V3.1.0.0

### 2. Features

#### 2.0 What's New in V3.1.0

>> Support for ATV9xx firmware version V3.1IE24\_B17

>> Bug Fixes

#### 2.1 What's New in V2.3.5

>> IFW API migration to the new Apigee enterprise service

#### 2.2 What's New in V2.3.2

>> Support for Functional Safety in Direct Safety Logic Mode with additional tabs in the DTM : Safety Display and Safety Conf

>> Support for Safety related ATV9xx firmware version V2.1IE80\_B06 and Safety module firmware version A05IE10\_B14

>> Bug Fixes

#### 2.3 What's New in V2.3.0

> Support for APM 400V References

> Support for ATV9xx firmware version V2.3IE20\_B04

> Bug Fixes

## 2.4 What's New in V2.2.1

> Support for New FW V2.2IE\_B03

> Support for FW compatibility

> Multi Configuration/ Multi Motor support

> Bug Fixes

## 2.5 What's New in V2.1.3

> Fix for FMK Version incompatibility

> Bug Fixes

## 2.6 What's New in V2.1.2

> Support for ATV9xx firmware version V2.1IE17\_B11

> CR Fixes

## 3. System Requirement

### 3.1 Supported operating systems

This software can be installed on the following operating systems:

> Microsoft Windows 7 32/64-bit .

> Microsoft Windows 8.1 32/64-bit .

> Microsoft Windows 10.0 32/64-bit .

### 3.2 Minimum PC Requirements

Equipment	Minimum
Processor	Pentium 4 / Core 2 Duo, 2 GHz
RAM	2 GB
Free Hard Disk Space	1 GB of free disk space Must be available
Display	Resolution: 1024 x 768 pixels with 32 bit colors DPI: 96

### 3.3 Recommended PC Requirements

Equipment	Recommended
Processor	Intel(R) Core(TM) i3
RAM	4 GB
Free Hard Disk Space	2 GB
Display	Resolution: 1024 x 768 pixels with 32 bit colours DPI: 96

### 4. IMPORTANT NOTICE

> Before you install Altivar Process ATV9xx DTM Library:

1. Check if Altivar Process ATV6xx DTM Library V1.1.24 is installed in your PC.
2. If it is installed, upgrade it to the latest available Altivar Process ATV6xx DTM Library version.

### 5. Some restrictions which we are working on

- > DTM is not in synchronized state after doing factory reset, a "Refresh" or "Load from Device" is requested.
- > Sometimes parameter values cannot be edited in parameter grid inside parameter list tab .Use F2 key to edit parameter values.
- > Only English is available in the first version of this software.
- > Local Stop Message will not be displayed,if Local Stop button is pressed momentarily or quickly.The button has to be pressed firmly for 4-5 Sec.
- > Visibility or disabling of a parameter depending on other parameter(s) are not managed at the moment in the parameter grid.
- > We observed that for some drive references, the CLI (Current Limitation) parameter does not reset after a factory setting.
- > Software does not respond after you try to select all parameters in the parameter tab using Ctrl + A.
- > Import of configuration stored in the Keypad HMI from SoMove homepage is not yet available.
- > MultiMotor switching sketchview is not yet available.
- > Modify Topology does not update parameter value ranges (min & max) of NPR,NCR and UNS for some references.

### 6. Container Supported

- > SoMove V2.8.1
- > EcoStruxure Control Expert V14.0
- > M&M FDT Container V02\_04\_03\_00

> ESME V1.1

> SoMachine V4.3

## 7. Altivar Process DTM in Unity

### 7.1 Versions Provided & Compatibility

Activity	Version
Altivar Process 9xx DTM	V3.1.0.0
Altivar Process 9xx Firmware	V1.1IE01B10 V1.2IE02B20 V1.2IE03B02 V1.3IE04B04 V1.4IE07B05 V1.6IE09B08 V1.7IE12B05 V1.8IE14_B07 V1.9IE15_B07 V2.1IE17_B11 V2.1IE81_B01 V2.2IE19_B03 V2.3IE20_B04 V3.1IE24_B17
Safety Module	V1.1IE02_B01
ControlExpert	ControlExpert V14.0
EcoStruxure Control Expert PSx DTM Library	V3.12.20
M580 CPU RUN boot	V2.80
M580 BME CPU	V2.80

### 7.2 Features

> Additional tabs in the DTM : Safety Conf and Safety Display for supporting the Functional Safety.

### 7.3 Known issues or Observations:

> Pencil Icon (data set changed) that enables the Apply button appears when there is preset conf settings configuration is exported and imported back

> Sometimes while performing load from device, resetting, open of .sft file, Safety Message pop up appears when SC08 is set to Level / Auto without entering the SC08 control

> Labels that are too long are cropped in the Safety Display tab

- > Sometimes bad display of DTM inside Unity container when clicking the splitter bar.
- > Connection loss is happening for the first time after device recovery with 600V & 690V references.
- > Under service tab voltage ranges are not dependant on firmware selection.
- > Scope parameters are not selected in the parameter selection dialog when loaded from a saved configuration.

## 8. Altivar Process DTM in ESME

### 8.1 Versions Provided & Compatibility

Activity	Version
Altivar Process 9xx DTM	V3.1.0.0
Altivar Process 9xx Firmware	V1.1IE01B10 V1.2IE02B20 V1.2IE03B02 V1.3IE04B04 V1.4IE07B05 V1.6IE09B08 V1.7IE12B05 V1.8IE14_B07 V1.9IE15_B07 V2.1IE17_B11 V2.1IE81_B01 V2.2IE19_B03 V2.3IE20_B04 V3.1IE24_B17
Safety Module	V1.1IE02_B01
ESME	ESME V1.1